



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

2008 JUN 23 AM 10:44

SUPERFUND DIV.
REMEDIAl BRANCH
(6SF-R)

June 12, 2008

MEMORANDUM**SUBJECT:** Contract Laboratory Program Data Review**FROM:** *M. Humphrey*
Marvelyn Humphrey, ESAT Regional Project Officer
Environmental Services Branch (6MD-HE)**TO:** Gary Baumgarten, Superfund Project Manager (6SF-RA)Site : JONES ROAD GROUND WATER PLUMECase#: 37417SDG#: F2SQ8

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative.

If you have any questions regarding the data review report, please contact me at (281) 983-2140.



830431

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: June 11, 2008

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Tseng-Ying Fan, Data Reviewer, ESAT *JY*

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGM

SUBJECT: CLP Data Review

Contract No.:	EP-W-06-030
TO No.:	010
Task/Sub-Task:	2-11
ESAT Doc. No.:	8010-211-0006
TDF No.:	6-08-006B
ESAT File No.:	0-0284

Attached is the data review summary for Case # 37417

SDG # F2SQ8

Site Jones Road Ground Water Plume

COMMENTS:

I. LEVEL OF DATA REVIEW

Standard Review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

The CCS found the data package contractually compliant. The hardcopy review detected the following contractually noncompliant item that CCS is not expected to detect.

The data package arrived 1 working day late for the contractual 14-day turnaround time requirement.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

The total number of sample results reviewed for this data package was 884. Some results were qualified because of technical problems, and the significant technical problem is addressed below.

Samples F2S44 and F2ST6 had low DMC recoveries.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 REGION 6
 HOUSTON BRANCH
 10625 FALLSTONE ROAD
 HOUSTON, TEXAS 77099
 ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	37417	SITE	Jones Road Ground Water Plume
LABORATORY	MITKEM	NO. OF SAMPLES	17
CONTRACT#	EP-W-05-030	MATRIX	Water
SDG#	F2SQ8	REVIEWER (IF NOT ESB)	ESAT
SOW#	SOM01.2	REVIEWER'S NAME	Tseng-Ying Fan
SF#	302DD2CNK	COMPLETION DATE	June 11, 2008

SAMPLE NO.	F2RZ9	F2S44	F2SH3	F2SQ8	F2ST6
	F2S00	F2S77	F2SH4	F2SQ9	
	F2S09	F2SF5	F2SM9	F2ST4	
	F2S42	F2SF6	F2SP2	F2ST5	

DATA ASSESSMENT SUMMARY

TVOA

1. HOLDING TIMES	O
2. GC/MS TUNE/INSTR. PERFORM.	O
3. CALIBRATIONS	M
4. BLANKS	O
5. DMC/SURROGATES	M
6. MATRIX SPIKE/DUPLICATE/LCS	O
7. OTHER QC	O
8. INTERNAL STANDARDS	O
9. COMPOUND ID/QUANTITATION	O
10. PERFORMANCE/COMPLETENESS	O
11. OVERALL ASSESSMENT	M

O = Data had no problems.

M = Data qualified because of major or minor problems.

Z = Data unacceptable.

NA = Not applicable.

ACTION ITEMS: The data package arrived 1 working day late for the 14-day contractual turnaround time requirement.

AREA OF CONCERN: Bromomethane failed technical %D criteria for one opening CCV. Samples F2S44 and F2ST6 had low DMC recoveries.

NOTABLE PERFORMANCE:

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 37417 SDG F2SQ8 SITE Jones Road Ground Water Plume LAB MITKEM

COMMENTS: This SDG consisted of 17 water samples for trace VOA analysis following CLP SOW SOM01.2. The OTR/COC Records designated sample F2SM9 as the laboratory QC sample, sample F2SP2 as a field blank, and samples F2SQ8 and F2SQ9 as trip blanks. According to the information provided by the RSCC, samples F2RZ9/F2ST5, F2S44/F2ST6, and F2ST4/F2S50 (SDG F2RZ7) were field duplicate pairs.

Standard Review was performed for this data package. The target compounds of concern with the user's desired detection limits in parentheses are vinyl chloride (2 µg/L), cis-1,2-dichloroethene (7 µg/L), trans-1,2-dichloroethene (7 µg/L), and tetrachloroethene (5 µg/L). All samples met the user's desired detection limit criteria, and none of them contains any target compound.

Samples F2S44 and F2ST6 had low DMC recoveries. Some results were qualified for eight samples because of problems with calibration and DMC recovery. ESAT's final data qualifiers in the DST indicate the technical usability of all reported results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

NOTE: THE FOLLOWING REVIEW NARRATIVE ADDRESSES BOTH CONTRACTUAL ISSUES (BASED ON THE STATEMENT OF WORK) AND TECHNICAL ISSUES (BASED ON THE NATIONAL FUNCTIONAL GUIDELINES). THE ASSESSMENT MADE FOR EACH QC PARAMETER IS SOLELY BASED ON THE TECHNICAL DATA USABILITY, WHICH MAY NOT NECESSARILY BE AFFECTED BY CONTRACTUAL PROBLEMS. THE ASSESSMENTS ARE DEFINED BELOW.

Acceptable = No results were qualified for any problem associated with this QC parameter.

Provisional = Some results were qualified because of problems associated with this QC parameter.

Unusable = All results are unusable because of major problems associated with this QC parameter.

1. Holding Times: Acceptable. All samples were preserved with acid and analyzed within the contractual and technical holding time limits.

NOTE: Polymerization of vinyl chloride and styrene is likely to occur in acid-preserved samples and could cause low biased results for these analytes.

2. Tuning/Performance: Acceptable. The BFB analyses met GC/MS tuning criteria.

ORGANIC QA REVIEW
CONTINUATION PAGE

CASE 37417 SDG F2SQ8 SITE Jones Road Ground Water Plume LAB MITKEM

3. **Calibrations:** Provisional. Target compounds met contractual calibration criteria. Bromomethane failed the technical %D criteria for one opening CCV, so the reviewer qualified the bromomethane QL as estimated for associated samples F2SH3, F2SH4, F2SM9, F2SP2, F2SQ9, F2ST5, and F2ST6.

4. **Blanks:** Acceptable. The method and storage blanks met contractual criteria. Methylene chloride was detected in one method blank and the storage blank, but this compound was not found in any of the associated samples.

Trip/Field Blanks: Field blank sample F2SP2 and trip blank samples F2SQ8 and F2SQ9 were free of target compounds.

5. **Deuterated Monitoring Compounds (DMC's)/Surrogates:** Provisional. All samples met contractual criteria for DMC performance although a low DMC recovery was reported for two field samples. The reviewer qualified as estimated results associated with VDMC2 for sample F2S44 and with VDMC3 for sample F2ST6 because the recoveries for these DMC's were below QC limits.

6. **Matrix Spike/Matrix Spike Duplicate/Laboratory Control Sample (MS/MSD/LCS):** Acceptable. The MS/MSD results met QC guidelines for %recovery. The RPD's exceeded QC limits for all spike compounds, indicating poor analysis precision. Since no target compound was detected in the unspiked sample, result qualification was unnecessary.

7. **Other QC:**

Field Duplicates: Acceptable. All field duplicate results were consistent.

8. **Internal Standards (IS):** Acceptable. The IS responses were within SOW QC limits for all analyses.

9. **Compound Identity (ID)/Quantitation:** Acceptable. No target compound was detected in the samples. No compound ID or quantitation problem was detected.

10. **Performance/Completeness:** Acceptable. The data package was complete. The DST included in this report is the final version.

11. **Overall Assessment:** Data are acceptable for nine samples. Some results were qualified for the following samples because of problems with calibration and DMC recovery: F2S44, F2SH3, F2SH4, F2SM9, F2SP2, F2SQ9, F2ST5, and F2ST6.

ORGANIC ACRONYMS

%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARO	Aroclors
BFB	4-Bromofluorobenzene
BNA	Base/Neutral and Acid
CADRE	Computer-Aided Data Review and Evaluation
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenylphosphine
DMC	Deuterated Monitoring Compound
DST	Data Summary Table
GC/ECD	Gas Chromatograph/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GPC	Gel Permeation Chromatography
IC	Initial Calibration
INDA(B,C)	Individual Standard Mixture A(or B or C)
IS	Internal Standard
LCS	Laboratory Control Sample
LMVOA	Low/Medium Volatile Organic Analysis
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFG	National Functional Guidelines
OTR/COC	Organic Traffic Report/Chain of Custody
PAH	Polynuclear Aromatic Hydrocarbon
PE	Performance Evaluation
PEM	Performance Evaluation Mixture
PEST	Pesticides
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSCC	Regional Sample Control Center
RT	Retention Time
SDG	Sample Delivery Group
SDMC	Semivolatile Deuterated Monitoring Compound
SIM	Selected Ion Monitoring
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
SVOA	Semivolatile Organic Analysis
TCL	Target Compound List
TCX	Tetrachloro-m-xylene
TIC	Tentatively Identified Compound
TVOA	Trace Volatile Organic Analysis
VDMC	Volatile Deuterated Monitoring Compound
VOA	Volatile Organic Analysis

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number

SDG: SDG Number

EPASAMP: EPA Sample Number

LABID: Laboratory File/Sample ID

MATRIX: Sample Matrix

ANDATE: Sample Analysis Date

ANTIME: Sample Analysis Time

CASNUM: Compound CAS Number

ANALYTE: Compound Name

CONC: Compound Concentration

VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)

UNITS: Concentration Units

ADJCRQL: Adjusted Contract Required Quantitation Limit Value

SMPDATE: Sampling Date

STATLOC: Station Location

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

- U** Not detected at reported quantitation limit.
- N** Identification is tentative.
- J** Estimated value.
- L** Reported concentration is below the CRQL.
- M** Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.
- R** Unusable.
- ^** High biased. Actual concentration may be lower than the concentration reported.
- V** Low biased. Actual concentration may be higher than the concentration reported.
- F+** A false positive exists.
- F-** A false negative exists.
- UJ** Estimated quantitation limit.
- T** Identification is questionable because of absence of other commonly coexisting pesticides.
- C** Identification of pesticide or aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).
- X** Identification of pesticide or aroclor could not be confirmed by GC/MS when attempted.
- *** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	108-88-3	Toluene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	100-42-5	Styrene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	05/14/2008	FB11502A
37417	F2SQ8	F2ST6	G0734-17A W	05/17/2008 10:12:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	05/14/2008	FB11502A

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No.	37417	SDG No.	F2SQ8	SDG Nos. To Follow	Mod. Ref No.	Date Rec	05/30/08																																																																																																																																							
EPA Lab ID: MITKEM Lab Location: Warwick, RI Region: 6 Audit No.: 37417/F2SQ8 Re_Submitted CSF? Yes _____ No <input checked="" type="checkbox"/> X Box No(s): 1				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">ORIGINALS</th> <th>YES</th> <th>NO</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td colspan="2">CUSTODY SEALS</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">1. Present on package?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">2. Intact upon receipt?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">FORM DC-2</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">3. Numbering scheme accurate?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">4. Are enclosed documents listed?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">5. Are listed documents enclosed?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">FORM DC-1</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">6. Present?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">7. Complete?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">8. Accurate?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">9. Signed?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">10. Dated?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">AIRBILLS/AIRBILL STICKER</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">11. Present?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">12. Signed?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">13. Dated?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">SAMPLE TAGS</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">14. Does DC-1 list tags as being included?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">15. Present?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">OTHER DOCUMENTS</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">16. Complete?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">17. Legible?</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">18. Original?</td> <td></td> <td>X</td> <td></td> </tr> <tr> <td colspan="2">18a. If "NO", does the copy indicate where original documents are located?</td> <td>X</td> <td></td> <td></td> </tr> </tbody> </table>				ORIGINALS		YES	NO	N/A	CUSTODY SEALS					1. Present on package?		X			2. Intact upon receipt?		X			FORM DC-2					3. Numbering scheme accurate?		X			4. Are enclosed documents listed?		X			5. Are listed documents enclosed?		X			FORM DC-1					6. Present?		X			7. Complete?		X			8. Accurate?		X			TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)					9. Signed?		X			10. Dated?		X			AIRBILLS/AIRBILL STICKER					11. Present?		X			12. Signed?		X			13. Dated?		X			SAMPLE TAGS					14. Does DC-1 list tags as being included?		X			15. Present?		X			OTHER DOCUMENTS					16. Complete?		X			17. Legible?		X			18. Original?			X		18a. If "NO", does the copy indicate where original documents are located?		X		
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Audited by: Tseng-Ying Fan
 Audited by: _____

Signature

Tseng-Ying Fan / ESAT Data Reviewer

Date 06/10/08

Date _____

Printed Name/Title

DC-2



USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 37417
DAS No:

R

Region: 6	Date Shipped: 5/13/2008	Chain of Custody Record		Sampler Signature:
Project Code: 129389	Carrier Name: UPS	Refin�ished By	(Date / Time)	Received By
Account Code:	Airbill: 1Z66V0570192427500	1	5/13/08 17:30	
CERCLIS ID:	Shipped to: Mitkem Corporation 175 Metro Center Blvd. Warwick RI 02886 (401) 732-3400	2		
Spill ID:		3		
Site Name/State: JONES RD GW PLUME May 2008/TX		4		
Project Leader: Jennifer Dart				
Action:				
Sampling Co: Shaw Environmental, Inc.				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
F2S51	Ground Water/ Jane Patin	L/G	TVOA (14)	6381766 (HCL), 6381767 (HCL), 6381768 (HCL) (3)	GL11622	S: 5/13/2008 13:40		--
F2SQ8	Ground Water/ Valeri Magnini	L/G	TVOA (14)	6384445 (HCL), 6384446 (HCL), 6384447 (HCL) (3)	TRIP BLANK 23	S: 5/13/2008 8:35		Trip Blank
F2ST4	Ground Water/ Jane Patin	L/G	TVOA (14)	6381763 (HCL), 6381764 (HCL), 6381765 (HCL) (3)	GL11614A	S: 5/13/2008 12:45		Field Duplicate

Paper 26 of 28

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: F2S39	Additional Sampler Signature(s): <i>Valeri Magnini</i> <i>Jane Patin</i>	Chain of Custody Seal Number:
Analysis Key: TVOA = Trace VOA	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 6-043013577-051308-0018

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4200

REGION COPY



USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 37417

DAS No:

R

Region: 6	Date Shipped: 5/14/2008	Chain of Custody Record		Sampler Signature:
Project Code: 129389	Carrier Name: UPS	Relinquished By	(Date / Time)	Received By
Account Code:	Airbill: 1Z66V0570193190559	1	5/14/08 1400	
CERCLIS ID:	Shipped to: Mitkem Corporation 175 Metro Center Blvd. Warwick RI 02886 (401) 732-3400	2		
Spill ID:		3		
Site Name/State: JONES RD GW PLUME May 2008/TX		4		
Project Leader: Jennifer Dart				
Action:				
Sampling Co: Shaw Environmental, Inc.				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
F2SM9	Ground Water/ Andrew Gilchrist	L/G	TVOA (14)	6384032 (HCL), 6384033 (HCL), 6384034 (HCL), 6384035 (HCL), 6384036 (HCL), 6384037 (HCL) (6)	WE10831	S: 5/14/2008 11:20		--
F2SP2	Ground Water/ Valeri Magnini	L/G	TVOA (14)	6356169 (HCL), 6356170 (HCL), 6356171 (HCL) (3)	FIELD BLANK 19	S: 5/14/2008 8:55		Field Blank
F2SQ9	Ground Water/ Valeri Magnini	L/G	TVOA (14)	6384448 (HCL), 6384449 (HCL), 6384450 (HCL) (3)	TRIP BLANK 24	S: 5/14/2008 8:53		Trip Blank
F2ST5	Ground Water/ Jane Patin	L/G	TVOA (14)	6384912 (HCL), 6384913 (HCL), 6384914 (HCL) (3)	AD11619A	S: 5/14/2008 8:30		Field Duplicate
F2ST6	Ground Water/ William Hudgins	L/G	TVOA (14)	6384139 (HCL), 6384140 (HCL), 6384141 (HCL) (3)	FB11502A	S: 5/14/2008 10:20		Field Duplicate

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: F2SM9	Additional Sampler Signature(s): <i>Valeri Magnini</i> <i>JP</i> <i>gabri</i>	Chain of Custody Seal Number:
Analysis Key: TVOA = Trace VOA	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 6-043013577-051408-0020

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4600

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F2V5.1.047 Page 2 of 2

**EPA USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record**

Case No: 37417
DAS No:

R

Region: 6	Date Shipped: 5/14/2008	Chain of Custody Record		Sampler Signature:
Project Code: 129389	Carrier Name: UPS	Relinquished By	(Date / Time)	Received By
Account Code:	Airbill: 1Z66V0570193190559	1	5/14/08 1400	
CERCLIS ID:	Shipped to: Mitkem Corporation 175 Metro Center Blvd. Warwick RI 02886 (401) 732-3400	2		
Spill ID:		3		
Site Name/State: JONES RD GW PLUME May 2008/TX		4		
Project Leader: Jennifer Dart				
Action:				
Sampling Co: Shaw Environmental, Inc.				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
F2RZ9	Ground Water/ Jane Patin	L/G	TVOA (14)	6384915 (HCL), 6384916 (HCL), 6384917 (HCL) (3)	AD11619	S: 5/14/2008 8:30		--
F2S00	Ground Water/ Jane Patin	L/G	TVOA (14)	6381775 (HCL), 6381776 (HCL), 6381777 (HCL) (3)	AD11702	S: 5/14/2008 9:25		--
F2S09	Ground Water/ William Hudgins	L/G	TVOA (14)	6384133 (HCL), 6384134 (HCL), 6384135 (HCL) (3)	DM11513	S: 5/14/2008 9:30		--
F2S42	Ground Water/ William Hudgins	L/G	TVOA (14)	6384130 (HCL), 6384131 (HCL), 6384132 (HCL) (3)	FV11322	S: 5/14/2008 8:25		--
F2S44	Ground Water/ William Hudgins	L/G	TVOA (14)	6384136 (HCL), 6384137 (HCL), 6384138 (HCL) (3)	FB11502	S: 5/14/2008 10:20		--
F2S77	Ground Water/ Jane Patin	L/G	TVOA (14)	6381778 (HCL), 6381779 (HCL), 6381780 (HCL) (3)	JRW11234	S: 5/14/2008 10:20		--
F2SF5	Ground Water/ Andrew Gilchrist	L/G	TVOA (14)	6384193 (HCL), 6384194 (HCL), 6384195 (HCL) (3)	TC11126-2	S: 5/14/2008 8:45		--
F2SF6	Ground Water/ Andrew Gilchrist	L/G	TVOA (14)	6384196 (HCL), 6384197 (HCL), 6384198 (HCL) (3)	TC11126-3	S: 5/14/2008 8:50		--
F2SH3	Ground Water/ Andrew Gilchrist	L/G	TVOA (14)	6384026 (HCL), 6384027 (HCL), 6384028 (HCL) (3)	TH11618-2	S: 5/14/2008 10:15		--
F2SH4	Ground Water/ Andrew Gilchrist	L/G	TVOA (14)	6384029 (HCL), 6384030 (HCL), 6384031 (HCL) (3)	TH11618-3	S: 5/14/2008 10:20		--

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: F2SM9	Additional Sampler Signature(s): <i>John Maguire</i>	Chain of Custody Seal Number:
Analysis Key: TVOA = Trace VOA	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?

TR Number: 6-043013577-051408-0020

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